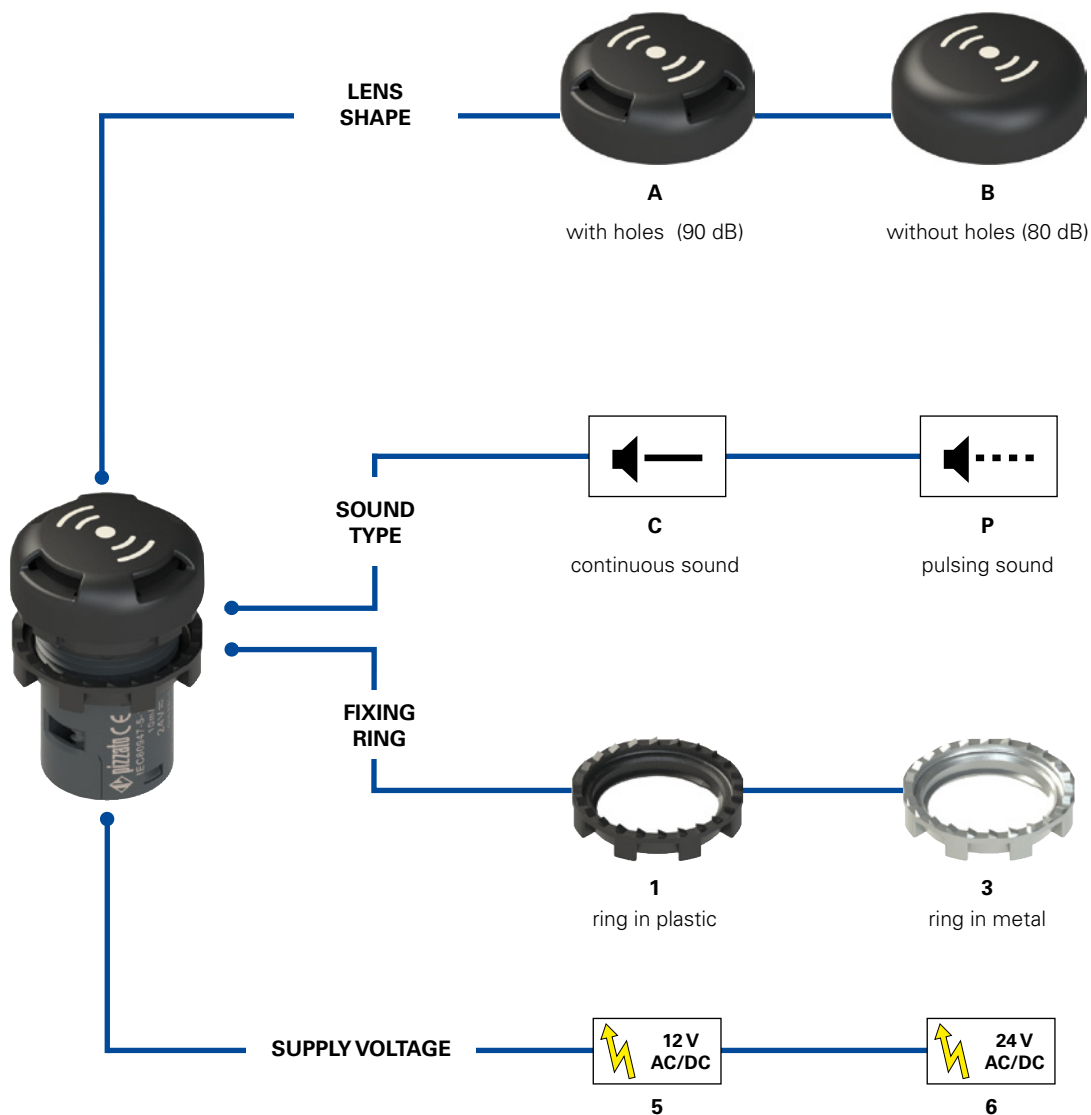


**Buzzer  
E6 series**



## Selection diagram



## Code structure

### E6 1I56A1CV1B

#### Fixing ring and shaped ring

- 1** ring in plastic
- 2** ring in plastic and shaped ring
- 3** ring in metal
- 4** ring in metal and shaped ring

#### Sound Type

- C** continuous sound
- P** pulsing sound

#### Supply voltages

- 5** 12 Vac/dc
- 6** 24 Vac/dc

#### Lens Shape

- A** with holes (90 dB)
- B** without holes (80 dB)



**Main features**

- Buzzer totally integrated in a monolithic body of reduced dimensions
- Protection degree up to IP67 and IP69K
- Continuous and pulsing sound versions
- High sound intensity
- 12 Vac/dc or 24 Vac/dc versions

**Markings and quality marks:**



Approval EAC: RU C-IT ДМ94.В.01024

**Technical data**

**General data**

Protection degree: IP40 according IEC 60529  
 Version with holes: IP67 according IEC 60529  
 Version without holes: IP69K according ISO 20653 (with shaped ring VE GP12H1A or label holder VE PT32A00A0)  
 Ambient temperature: -20 °C ... +70 °C  
 Terminal screw tightening torque: 0,8 ... 1 Nm  
 Fixing ring tightening torque: 2 ... 2,5 Nm  
 Utilization requirements: see page 124 of HMI General Catalog

**Electrical data**

Conductor cross section: min 1 x 0,34 mm<sup>2</sup> (1 x AWG 22)  
 max 2 x 1,5 mm<sup>2</sup> (2 x AWG 16)  
 Operation voltage U<sub>n</sub>: 12 Vac/dc or 24 Vac/dc  
 Supply voltage tolerance: ±15% di U<sub>n</sub>  
 Operation current: 10 mA

Sound intensity level: 90 dB at 10 cm (Lens with holes)  
 80 dB at 10 cm (Lens without holes)

Intermittent frequency (pulsing version): 0,6 Hz (0,8 s ON, 0,8 s OFF)

**In conformity with standards:**

IEC 60947-1, IEC 60947-5-1, IEC 60204-1, EN 60947-1, EN 60947-5-1, EN 60204-1, UL 508, CSA 22-2 N°14.

**In conformity with requirements requested by:**

Low Voltage Directive 2006/95/EC and EMC Directive 2014/30/EC.

**General data**

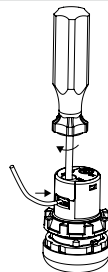
**Protection degree IP67 and IP69K**

**IP69K**  
**IP67**

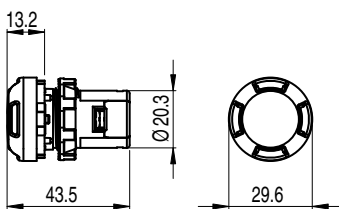
Designed for use in even the more severe conditions, these devices pass the immersion test IP67 according to IEC 60529. They can be used in all environments that require the highest protection degree of the enclosure. Moreover special adaptations allow the devices to be used in machineries subjected to intense washing with high pressure and high temperature water jets. In fact they have passed also the IP69K test according to ISO 20653 with water jets at 100 atmosphere and temperature up to 80°C.

**Screw connection integrated**

The shape of the buzzer E6 series, though very compact, allows the integration on the device of all components for proper installation and functioning. All that is required is to insert the device wires by means of its screw terminals, without the need to install further components.



**Dimensions**





The buzzer E6 combines compact external dimensions to high sound intensity, especially the version with holes. This feature makes the signalling clearly perceptible even at a distance and in noisy places.







All measures in the drawings are in mm

**Two sound types**

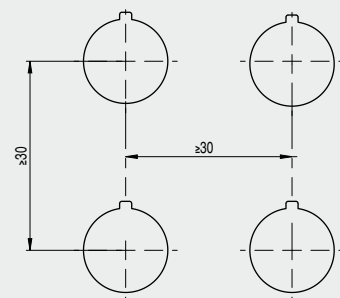
In order to diversify the signalling, two types of sound are available: continuous or pulsing.

**Selection table**

Lens Shape	Sound type and supply voltages			
	continuous sound 	continuous sound 	pulsing sound 	pulsing sound 
	12 Vac/dc	24 Vac/dc	12 Vac/dc	24 Vac/dc
 with holes	E6 1IS5A1CV1B	E6 1IS6A1CV1B	E6 1IS5A1PV1B	E6 1IS6A1PV1B
 without holes	E6 1IS5B1CV1B	E6 1IS6B1CV1B	E6 1IS5B1PV1B	E6 1IS6B1PV1B

**Assembling minimum distances**



→ The 2D/3D files are available at [www.pizzato.com](http://www.pizzato.com)



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**Pizzato Elettrica s.r.l.** Via Torino, 1 - 36063 Marostica (VI) Italy  
Phone +39.0424.470.930 - Fax +39.0424.470.955  
E-mail: [info@pizzato.com](mailto:info@pizzato.com) - Web site: [www.pizzato.com](http://www.pizzato.com)

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